

IN THE CLAIMS:

Please amend claims 1, 2 and 4 and add new claims 6 and 7, as follows:

1. (Currently Amended) A method of bonding a first tissue to a second tissue, said method comprising the steps of:
placing said first tissue in proximity of said second tissue;
providing an adhesive in contact with said first and second tissues, said adhesive ~~including a derivatized collagen liquid, gel or solid~~ including collagen, a concentration of said collagen in said adhesive being at least equal to 300 mg/ml, but less than 800 mg/ml; and
exposing said adhesive to electromagnetic radiation.

2. (Currently Amended) A method in accordance with claim 2 1, wherein said electromagnetic radiation includes infrared light.

3. (Original) A method in accordance with claim 1, wherein said exposing step includes the step of directing light generated by a laser to said adhesive.

4. (Currently Amended) A method in accordance with claim 1, further comprising the steps of:
monitoring a temperature of a surface of said ~~liquid, gel or solid~~ adhesive; and

adjusting an intensity of said electromagnetic radiation in response to said monitored temperature.

5. (Original) A method in accordance with claim 1, further comprising the step of providing a material including a cyanoacrylate in contact with at least one of said first and second tissues.

6. (New) A method in accordance with claim 1, wherein said collagen is derivatized with a functional group selected from COO^- and SH^- .

7. (New) A method in accordance with claim 1, wherein said adhesive is heated to a temperature within a range of 55°C - 60°C .

8. (New) A method in accordance with claim 1, wherein said adhesive is a liquid, gel or solid.
